CLAIMS

What is claimed is:

1.   A compiling system for compiling a markup language file into an executable application, the compiling system comprising:

a parser for parsing the markup language file and providing the compiling system with detailed token information;

a code generator for generating a language-independent tree of code expressions based on the token information, wherein the code expressions represent the markup file as a class; and

a compiler for compiling the code expressions to create the executable application.

2.   The compiling system of claim 1, wherein the detailed token information comprises a tag.

3.   The compiling system of claim 1, wherein the detailed token information comprises a property or event.

4.   The compiling system of claim 1, wherein the detailed token information comprises a user code snippet.

5.   The compiling system of claim 1, wherein the markup language file is associated with at least one code-behind file.

6. The compiling system of claim 5, wherein the compiler is configured to compile the markup language file and the code-behind file.

7. The compiling system of claim 1, wherein the executable application is an intermediate language application.

8. The compiling system of claim 1, further comprising a binary file generator for generating a binary file from non-code token information, wherein the binary file contains one record for each non-code token.

9. A compiling system for compiling a markup language file into an executable application, the compiling system comprising:

a parser for parsing the markup language file and providing the compiling system with detailed token information including non-code token information to the compiling system;

a binary file generator for generating a binary file from non-code token information, wherein the binary file contains one record for each non-code token; and

a code generator for generating a language-independent code expression that represents the markup language file as a class.

10. The compiling system of claim 9, further comprising an application generator for compiling the code files into an application.

11. The compiling system of claim 10, wherein the application generator combines the binary files into a single resource.

12. The compiling system of claim 9, wherein the detailed token information comprises a tag.

13. The compiling system of claim 9, wherein the detailed token information comprises a property or event.

14. The compiling system of claim 9, wherein the detailed token information comprises a user code snippet.

15. The compiling system of claim 9, wherein the markup language file is associated with at least one code-behind file.

16. The compiling system of claim 15, wherein the compiling system is configured to compile the markup language file and the code-behind file.

17. A method for compiling a markup language file into an executable application, the method comprising:

receiving a markup language file;

parsing the markup language file and providing a compiling system with detailed token information;

generating a language-independent tree of code expressions based on the token

information, wherein the code expressions represent the markup language file as a class; and

compiling the code expressions to create the executable application.

18.   The method of claim 17, further comprising receiving a code-behind file.

19.   The method of claim 18, further comprising compiling the markup language file

and the code-behind file.

20.   The method of claim 17, further comprising providing a tag as detailed token

information.

21.   The method of claim 17, further comprising providing a property or event as the

detailed token information.

22.   The method of claim 17, further comprising providing a user code snippet as the

detailed token information.

23.   The method of claim 17, further comprising receiving a command to create an

intermediate language application.

24.   The method of claim 17, further comprising generating a binary file from non-

code token information, wherein the binary file contains one record for each non-code token.

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25.   A computer readable medium storing the computer executable instructions for

performing the method of claim 17.

26.   A method for compiling a markup language file into an executable application,

the method comprising:

parsing the markup language file and providing the compiling system with detailed token

information including non-code token information;

generating a binary file from the non-code token information, wherein the binary file

contains one record for each non-code token; and

generating a language-independent code expression that represents the markup language

file as a class.

27.   The method of claim 26, further comprising compiling the code expressions into

an executable application.

28.   The method of claim 27, further comprising combining the binary files into a

single resource.

29.   The method of claim 27, further comprising providing a tag as the detailed token

information.

30.   The method of claim 27, further comprising providing a property or event as the

detailed token information.

31.   The method of claim 27, further comprising providing a user code snippet as the detailed token information.

32.   The method of claim 27, further comprising receiving at least one code-behind file associated with the markup language file and compiling both the code-behind file and the markup language file.

33.   A computer readable medium having computer executable instructions for performing the method of claim 27.